

Complete if Known

Application Number

Filing Date

April 1, 2002

First Named Inventor

Michio KUBOTA

Group Art Unit

Examiner Name

Attorney Docket Number

KUBOTA=9

Sheet

1

of

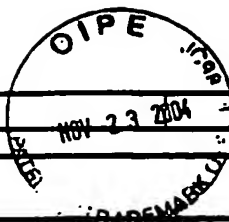
2

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Number			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number	Kind Code ⁵ (if known)				
mmr	AC	JP	58-23799	A	MIYAKE et al	02-12-1983		
	AD	JP	58-72598	A	MIYAKE et al	04-30-1983		
	AE	JP	7-143876	A		06-08-1995		no
	AF	EP	0 606 753	A2	MARUTA	12-21-1993		yes
	AG	JP	7-213283	A		08-15-1995		no
	AH	EP	0 628 630	A2	MARUTA	06-02-1994		yes
mmr	AI	WO	01/90338	A1	KUBOTA	11-29-2001		Engl. Abstr

mm
1/5/15

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.



Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Complete If Known

Application Number	
Filing Date	April 1, 2002
First Named Inventor	Michio KUBOTA
Group Art Unit	
Examiner Name	
Attorney Docket Number	KUBOTA=9

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AJ	Journal of American Chemical Society, vol. 71, pp. 353-358 (1949)	yes
	AK	European Journal of Biochemistry, vol. 226, pp. 641-648 (1994)	yes
	AL	"Biseibuteu no Bunrui to Dotei," published by Japan Scientific Societies Press, Tokyo, Japan (1985)	no
	AM	Bergey's Manual of systematic Bacteriology, vol. 2 (1986)	yes
	AN	Handbook of Amylase and Related Enzymes, published by Pergamon Press, Tokyo, Japan (1990) page no. ?	yes
	AO	Bioscience Biotechnology and Biochemistry, vol. 56, pp. 169-173 (1992)	yes
	AP	"Nippon Nogeikagaku Kaishi," vol. 37, pp. 668-672 (1993)	no
	AQ	Journal of Japanese Society of Nutrition and Food Science, vol. 43, No. 1, pp. 23-29 (1990)	Abstr
	AR	Journal of Nutritional Science and Vitaminology, vol. 37, pp. 529-544 (1991)	yes
	AS	"A Color atlas of Anaerobic Bacteria," published by Kabushiki Kaisha Sobunsha, Tokyo, Japan (1984) page no. ?	no

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A-PTO

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/089,549
Filing Date	April 1, 2002
First Named Inventor	Michlo KUBOTA
Group Art Unit	
Examiner Name	
Attorney Docket Number	KUBOTA9

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	1/5/05
-----------------------	---	--------------------	--------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.